



PTO/SB/51 (07-03)  
Approved for use through 01/31/2004. OMB 0651-0033  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**REISSUE APPLICATION DECLARATION BY THE INVENTOR**

Docket Number (Optional)

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APR 26 2004

I hereby declare that:  
Each inventor's residence, mailing address and citizenship are stated below next to their name.  
I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,222,315 B1 granted April 9, 2001 and for which a reissue patent is sought on the invention entitled Collision Avoidance System.

the specification of which

is attached hereto.  
 was filed on June 26, 2001 as reissue application number 09/892,185  
and was amended on 4-26-04 (most recently)  
(if applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verify believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

by reason of a defective specification or drawing.  
 by reason of the patentee claiming more or less than he had the right to claim in the patent.  
 by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

- Broadening claims 1 and 16 from “*a plurality of vehicle restrictors*” to “*at least one vehicle restrictor*” produced the language change to “*at least one vehicle*” which in turn required changing to the same language in dependent claims 7, 10, 11, 14, 17, 18, and 20.
- Broadening claim 11 from “*a plurality of*” pedestrian sensors to “*at least one*” pedestrian sensor, affecting claims 12 and 19 accordingly.
- The change to “*at least one pedestrian sensor*” required the deletion of the plurality of pedestrians mentioned in original claim 13.
- Broadening claim 14 from “*a plurality of*” train sensors to “*at least one*” train sensor, affecting dependent claims 15 and 21 accordingly.
- Claim 2 was broadened from “*consisting*” to “*comprised*”.
- Claim 22 represents patent content omitted from the original claims.
- Claims 23 and 24 clarify the concept of invention responsiveness / integration with traffic laws introduced (but not entirely explained) in original claim 1c and 16c.
- Claims 25 and 26 can be interpreted as modified versions of claim 1 (as based on at least one vehicle restrictor), without the with hardware configuration language and directed toward preventing vehicle-to-vehicle collisions (25) and vehicle-to-pedestrian or vehicle-to-train collisions (26).
- The impact of restructuring original independent claims 1 and 16 required claims 27-32 to define related elements of modified claims 1 and 16.

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This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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## (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/SB/81.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

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Inventor's signature

Brett O. Hall

Date

April 26, 2004

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Inventor's signature

Date

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Full name of third joint inventor (given name, family name)

Inventor's signature

Date

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Citizenship

Mailing Address

 Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.

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